



ENTERED

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/757,788

DATE: 03/25/2002  
TIME: 15:18:34

Input Set : A:\SEQLIST.txt  
Output Set: N:\CRF3\03252002\I757788.raw

3 <110> APPLICANT: Anderson, Keith  
4 Agerso, Henrik  
6 <120> TITLE OF INVENTION: Transepithelial Delivery of  
7 GLP-Derivatives  
9 <130> FILE REFERENCE: 6116.200-US  
11 <140> CURRENT APPLICATION NUMBER: US 09/757,788  
C--> 12 <141> CURRENT FILING DATE: 2002-03-12  
14 <150> PRIOR APPLICATION NUMBER: US 60/177,002  
15 <151> PRIOR FILING DATE: 2000-01-19  
17 <150> PRIOR APPLICATION NUMBER: DK 2000 00030  
18 <151> PRIOR FILING DATE: 2000-01-11  
20 <160> NUMBER OF SEQ ID NOS: 1  
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
24 <210> SEQ ID NO: 1  
25 <211> LENGTH: 39  
26 <212> TYPE: PRT  
27 <213> ORGANISM: Artificial Sequence  
29 <220> FEATURE:  
30 <223> OTHER INFORMATION: Synthetic  
32 <221> NAME/KEY: MUTAGEN  
33 <222> LOCATION: 2  
34 <223> OTHER INFORMATION: Xaa = Ala, Gly, Ser, Thr, Leu, Ile, Val, Glu Asp,  
35 Met or Lys  
37 <221> NAME/KEY: MUTAGEN  
38 <222> LOCATION: 3  
39 <223> OTHER INFORMATION: Xaa = Glu, Asp, or Lys  
41 <221> NAME/KEY: MUTAGEN  
42 <222> LOCATION: 5  
43 <223> OTHER INFORMATION: Xaa =Thr, Ala, Gly, Ser, Leu, Ile, Val, Glu, Asp,  
44 or Lys  
46 <221> NAME/KEY: MUTAGEN  
47 <222> LOCATION: 8  
48 <223> OTHER INFORMATION: Xaa = Ser, Ala, Gly, Thr, Leu, Ile, Val, Glu, Asp,  
49 or Lys  
51 <221> NAME/KEY: MUTAGEN  
52 <222> LOCATION: 10  
53 <223> OTHER INFORMATION: Xaa = Val, Ala, Gly, Ser, Thr, Leu, Ile, Tyr, Glu,  
54 Asp, or Lys  
56 <221> NAME/KEY: MUTAGEN  
57 <222> LOCATION: 11  
58 <223> OTHER INFORMATION: Xaa = Ser, Ala, Gly, Thr, Leu, Ile, Val, Glu, Asp  
59 or Lys  
61 <221> NAME/KEY: MUTAGEN

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62 <222> LOCATION: 12  
63 <223> OTHER INFORMATION: Xaa = Ser, Ala, Gly, Thr, Leu, Ile, Val, Glu, Asp,  
64 or Lys  
66 <221> NAME/KEY: MUTAGEN  
67 <222> LOCATION: 13  
68 <223> OTHER INFORMATION: Xaa = Tyr, Phe, Trp, Glu, Asp, or Lys  
70 <221> NAME/KEY: MUTAGEN  
71 <222> LOCATION: 14  
72 <223> OTHER INFORMATION: Xaa = Leu, Ala, Gly, Ser, Thr, Leu, Ile, Val, Glu,  
73 Asp, or Lys  
75 <221> NAME/KEY: MUTAGEN  
76 <222> LOCATION: 15  
77 <223> OTHER INFORMATION: Xaa = Glu, Asp, or Lys  
79 <221> NAME/KEY: MUTAGEN  
80 <222> LOCATION: 16  
81 <223> OTHER INFORMATION: Xaa = Gly, Ala, Ser, Thr, Leu, Ile, Val, Glu, Asp,  
82 or Lys  
84 <221> NAME/KEY: MUTAGEN  
85 <222> LOCATION: 17  
86 <223> OTHER INFORMATION: Xaa = Gln, Asn, Arg, Glu, Asp, or Lys  
88 <221> NAME/KEY: MUTAGEN  
89 <222> LOCATION: 18  
90 <223> OTHER INFORMATION: Xaa = Ala, Gly, Ser, Thr, Leu, Ile, Val, Arg, Glu,  
91 Asp, or Lys  
93 <221> NAME/KEY: MUTAGEN  
94 <222> LOCATION: 19  
95 <223> OTHER INFORMATION: Xaa = Ala, Gly, Ser, Thr, Leu, Ile, Val, Glu, Asp,  
96 or Lys  
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100 <223> OTHER INFORMATION: Xaa = Lys, Arg, Gln, Glu, Asp or His  
102 <221> NAME/KEY: MUTAGEN  
103 <222> LOCATION: 21  
104 <223> OTHER INFORMATION: Xaa = Glu, Asp or Lys  
107 <221> NAME/KEY: MUTAGEN  
108 <222> LOCATION: 24  
109 <223> OTHER INFORMATION: Xaa = Ala, Gly, Ser, Thr, Leu, Ile, Val, Glu, Asp,  
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112 <221> NAME/KEY: MUTAGEN  
113 <222> LOCATION: 25  
114 <223> OTHER INFORMATION: Xaa =Trp, Phe, Tyr, Glu, Asp, or Lys  
117 <221> NAME/KEY: MUTAGEN  
118 <222> LOCATION: 26  
119 <223> OTHER INFORMATION: Xaa = Leu, Gly, Ala, Ser, Thr, Ile, Val, Glu, Asp, or Lys  
121 <221> NAME/KEY: MUTAGEN  
122 <222> LOCATION: 27  
123 <223> OTHER INFORMATION: Xaa = Val, Gly, Ala, Ser, Thr, Leu, Ile, Glu, Asp, or Lys  
125 <221> NAME/KEY: MUTAGEN  
126 <222> LOCATION: 28

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129 <221> NAME/KEY: MUTAGEN
130 <222> LOCATION: 29
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135 <223> OTHER INFORMATION: Xaa = Arg, Lys, Glu, Asp, or His
137 <221> NAME/KEY: MUTAGEN
138 <222> LOCATION: 31
139 <223> OTHER INFORMATION: Xaa = Gly, Ala, Ser, Thr, Leu, Ile, Val, Glu, Asp, or Lys or
is deleted
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142 <222> LOCATION: 32
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145 <221> NAME/KEY: MUTAGEN
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147 <223> OTHER INFORMATION: Xaa = Arg, Lys, Glu, Asp, or His, or is deleted
149 <221> NAME/KEY: MUTAGEN
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151 <223> OTHER INFORMATION: Xaa = Asp, Glu, or Lys, or is deleted
153 <221> NAME/KEY: MUTAGEN
154 <222> LOCATION: 35
155 <223> OTHER INFORMATION: Xaa = Phe, Trp, Tyr, Glu, Asp, or Lys, or is deleted
157 <221> NAME/KEY: MUTAGEN
158 <222> LOCATION: 36
159 <223> OTHER INFORMATION: Xaa = Pro, Lys, Glu, or Asp, or is deleted
161 <221> NAME/KEY: MUTAGEN
162 <222> LOCATION: 37
163 <223> OTHER INFORMATION: Xaa = Glu, Asp, or Lys, or is deleted
165 <221> NAME/KEY: MUTAGEN
166 <222> LOCATION: 38
167 <223> OTHER INFORMATION: Xaa = Glu, Asp, or Lys, or is deleted
169 <221> NAME/KEY: MUTAGEN
170 <222> LOCATION: 39
171 <223> OTHER INFORMATION: Xaa = Val, Glu, Asp, or Lys, or is deleted
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175 1 5 10 15
W--> 176 Xaa Xaa Xaa Xaa Xaa Phe Ile Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
177 20 25 30
W--> 178 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
179 35

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## VERIFICATION SUMMARY

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1